

LISTING OF THE CLAIMS

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application. Please amend the claims as follows.

1. (Currently Amended) An A damping apparatus comprising:
a first element adapted to be coupled with a second element, the first element comprising a structured surface and the second element comprising a second surface, wherein the second surface comprises a receiving surface that is substantially uniform and wherein the structured surface comprises a plurality of depressions wherein the depressions are formed by machining and wherein the depressions are substantially hemispherical.
2. (Canceled).
3. (Canceled)
4. (Previously Presented) The apparatus of claim 1, wherein the structured surface is adapted to be coupled with the receiving surface.
5. (Canceled)
6. (Canceled).
7. (Canceled)

8. (Canceled).

9. (Previously Presented) The apparatus of claim 1, wherein the structured surface further comprises a projection.

10. (Previously Presented) The apparatus of claim 1, wherein a viscous fluid is disposed on the structured surface.

11. (Currently Amended) An apparatus comprising:

a first element adapted to be coupled with a second element, the first element comprising a first surface; and

means for damping, the damping means disposed on the first surface of the first element wherein the second element comprises a receiving surface, wherein the first surface is adapted to be coupled with the receiving surface and wherein the first surface directly contacts the receiving surface and wherein the damping means comprises a plurality of depressions disposed in the first surface and wherein the depressions are formed by machining.

12. (Canceled).

13. (Canceled)

14. (Original) The apparatus of claim 13, wherein the first surface is disposed adjacent to the receiving surface.

15. (Canceled).

16. (Previously Presented) The apparatus of claim 11, wherein the depressions are substantially hemispherical.

17. (Currently Amended) A method of damping vibrations in a first element and a second element, wherein said method comprises:

adapting a first element to be coupled with a second element, the first element comprising a structured surface and the second element comprising a second surface, the second surface comprising a receiving surface and the structured surface comprising a plurality of depressions and wherein the depressions are formed by machining and wherein the structured surface directly contacts the receiving surface.

18. (Previously Presented) The method of claim 17, wherein the depressions are substantially hemispherical.

19. (Previously Presented) The method of claim 17, wherein the first surface is disposed adjacent to the receiving surface.

20. (Previously Presented) The method of claim 17, wherein the first surface is adapted to be coupled with the receiving surface.

21. (Previously Presented) The method of claim 17, further comprising disposing a viscous liquid on the structured surface.

22. (Previously Presented) The method of claim 17, wherein the structured surface further comprises a projection.

23. (Previously Presented) The method of claim 17, wherein the structured surface is engaged with the receiving surface.

24. (Previously Presented) The method of claim 17, wherein the depressions are arranged in a non-uniform pattern.

25. (Previously Presented) The apparatus of claim 1, wherein the depressions are arranged in a non-uniform pattern.

26. (Previously Presented) A damping apparatus comprising:
a first element adapted to be coupled with a second element, the first element comprising a structured surface and the second element comprising a second surface, wherein the second surface comprises a receiving surface and wherein the structured surface comprises a plurality of

depressions wherein the depressions are formed by machining and wherein the structured surface directly contacts the receiving surface.

27. (New) The apparatus of claim 1, wherein the structured surface directly contacts the receiving surface.

28. (New) The apparatus of claim 11, wherein the damping means is not a viscous fluid.

29. (New) The apparatus of claim 26, wherein a viscous fluid is not disposed on the structured surface.